

I urge the commission to look very closely at the issue of employing unshielded transmission facilities that constitute the nations power grid as a vehicle for providing broadband internet service. The prospect of unmitigated interference in the shortwave spectrum caused by unshielded data transmission used in this technology can wreck havoc over the airwaves that have proven to be a valuable national asset in times of emergency. The capacity of broadband infrastructure in this nation is far from reaching maximum capacity as yet. Therefore the commission can afford to move slowly and be thorough about assuring the technologies used in this scheme not only minimize interference but actively eliminate it. Unleash such a system before its practical feasibility is established and the mess you make in the country and over the airwave will be many times larger than the mess of conducting the regulatory review of this useful but as yet unproven technology.